



Hidetsugu SHIMURA, et al.
Appl. No. 10/622,193
Docket No. Q76031
SUGHRUE Reference No.: Q76031
SUGHRUE Telephone No.: (202) 293-7060
Replacement Sheet

1/35

F I G. 1

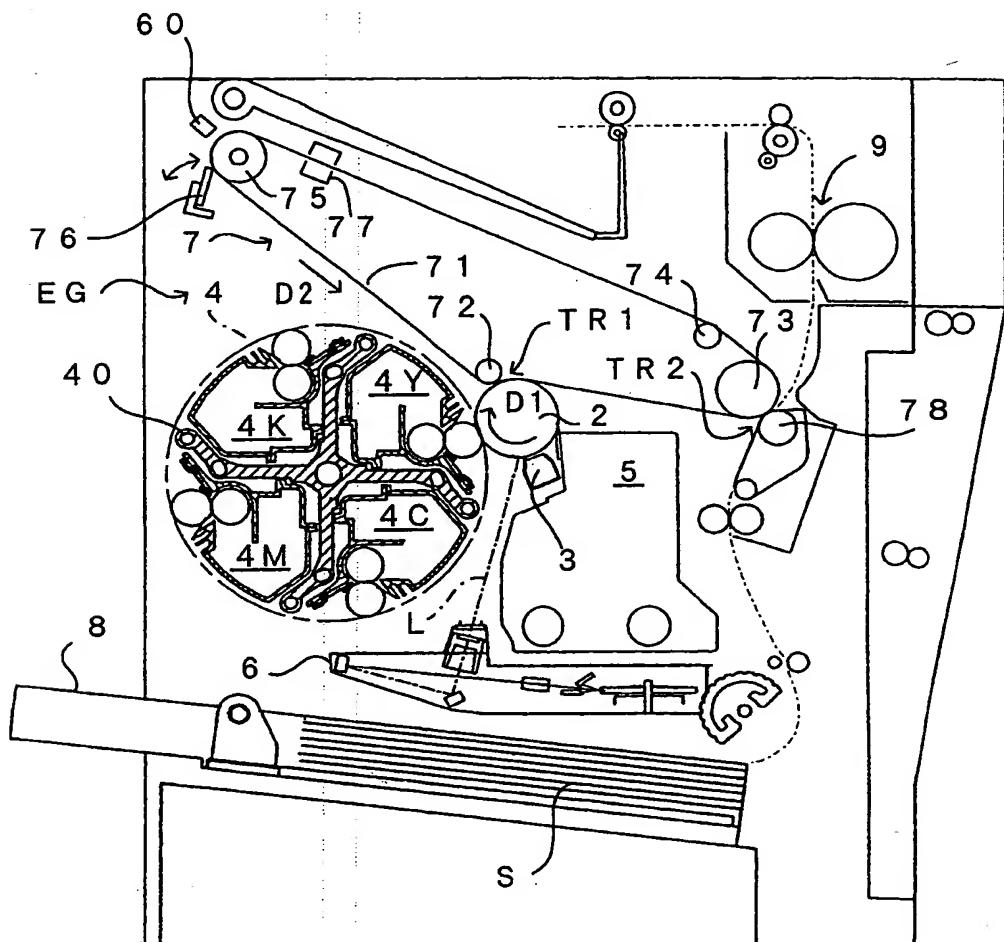
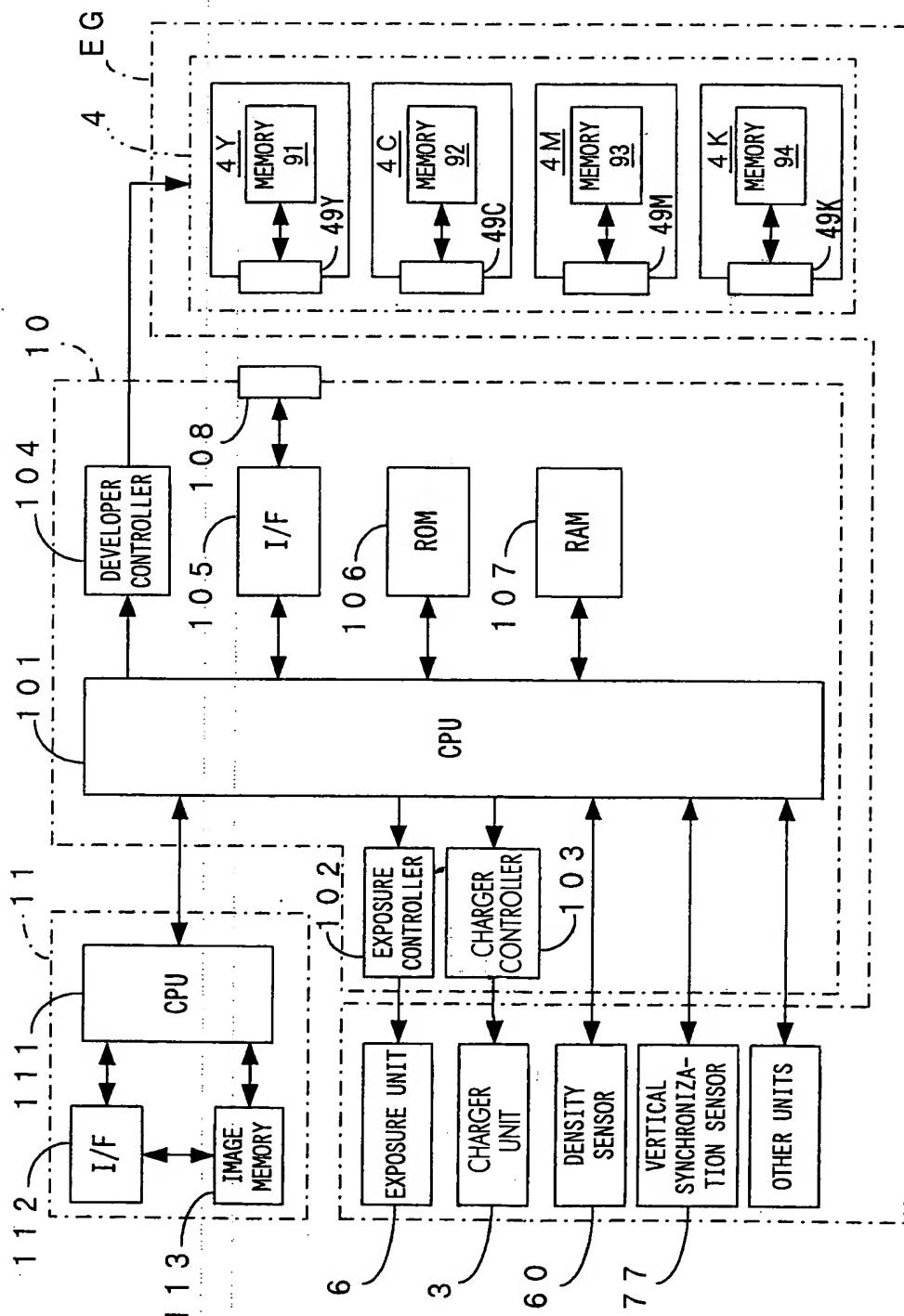


FIG. 2



F I G . 3

4K (4C, 4M, 4Y)

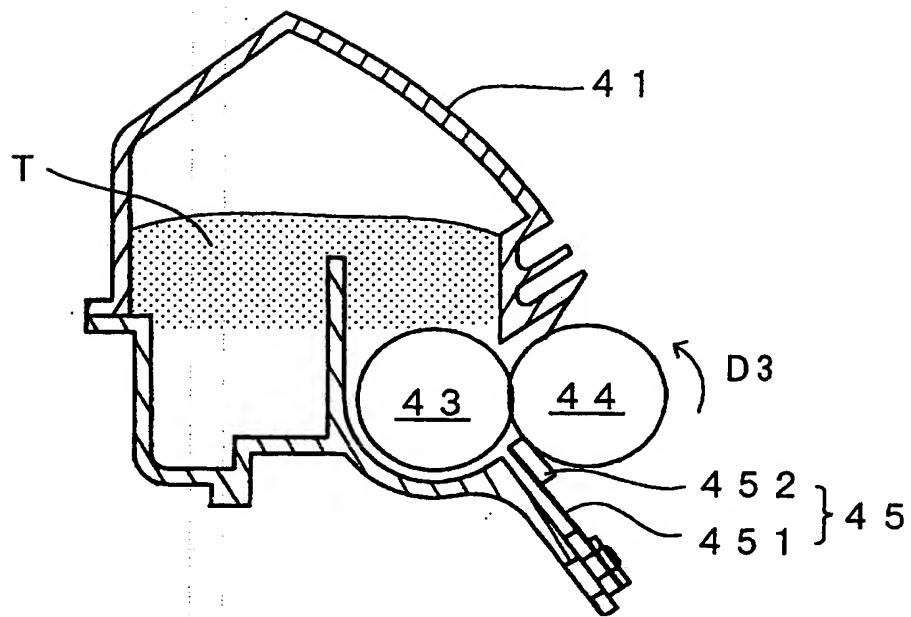
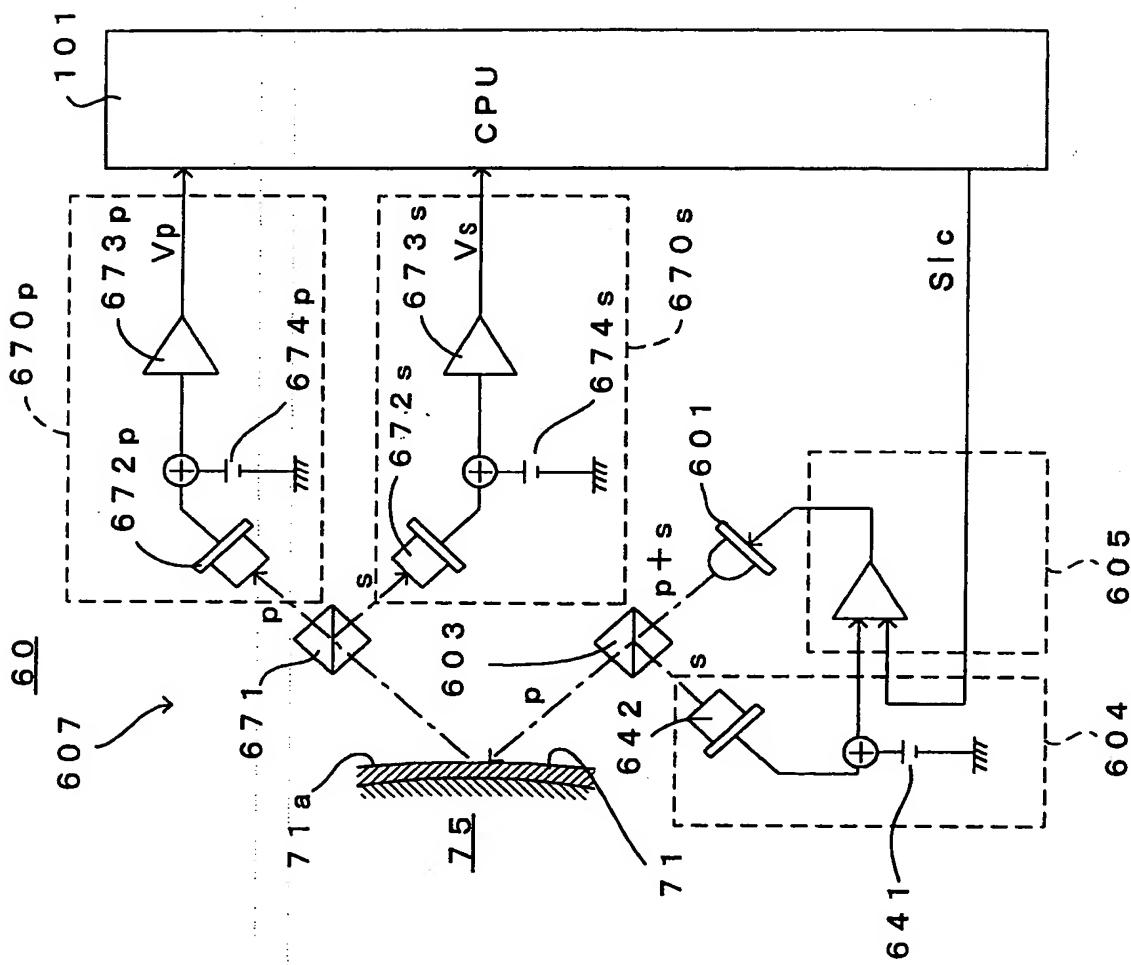


FIG. 4



F I G . 5

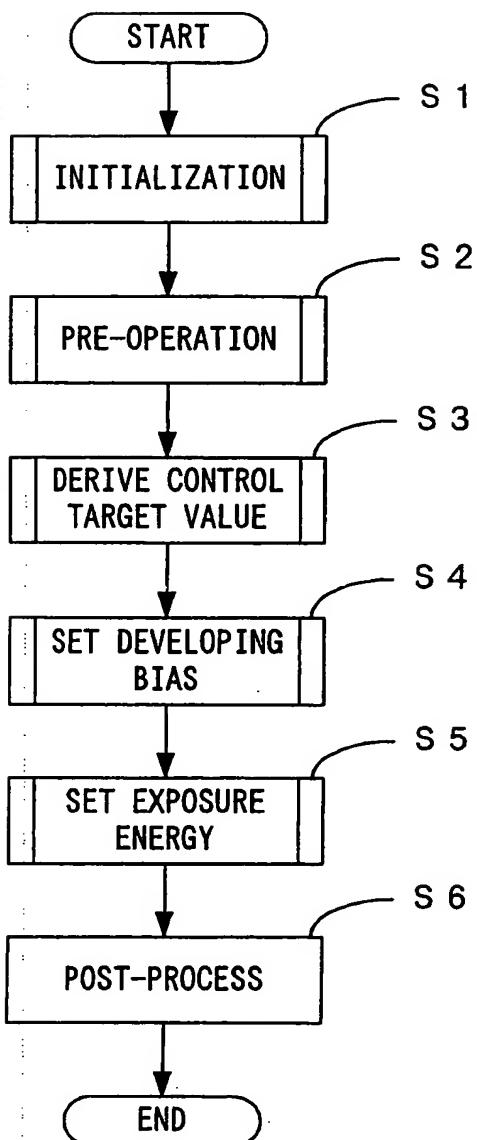
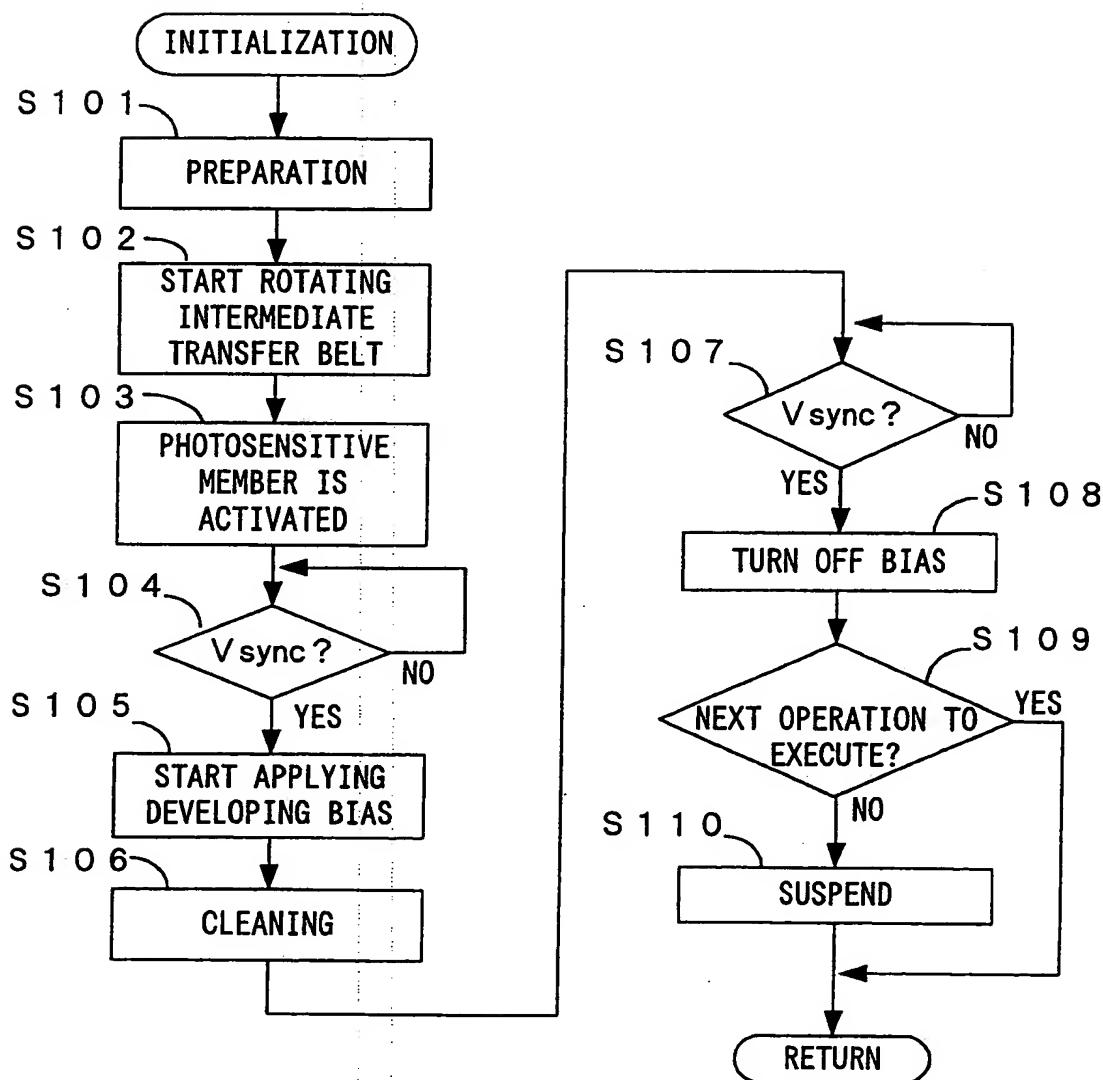


FIG. 6



F I G . 7

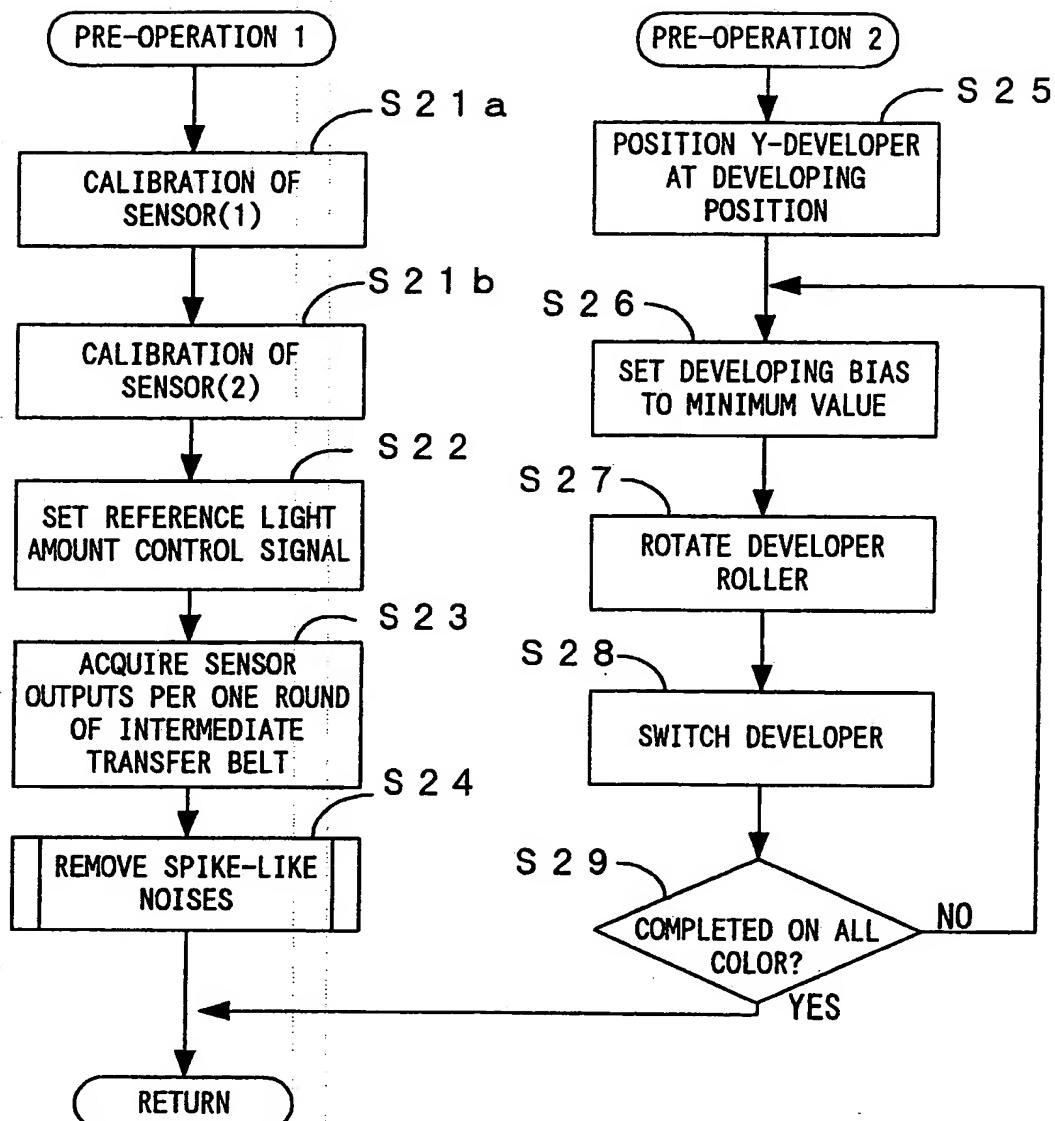


FIG. 8 A

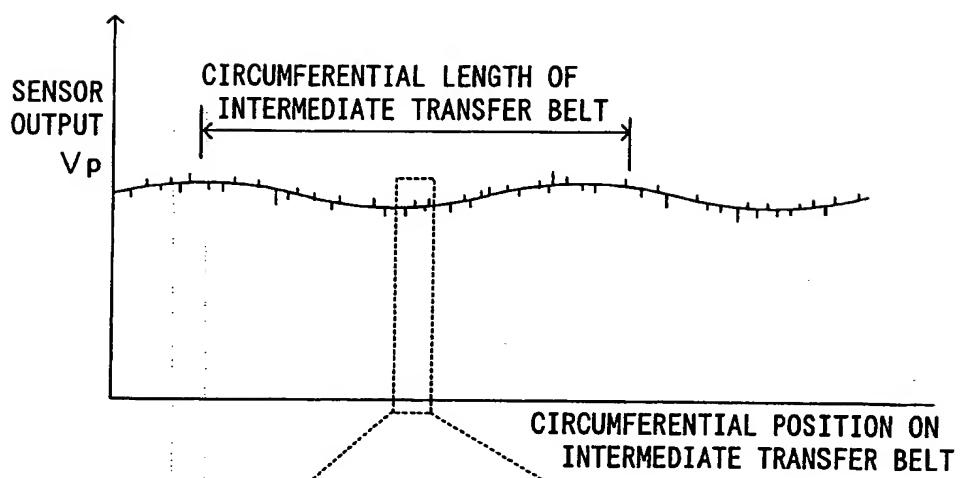
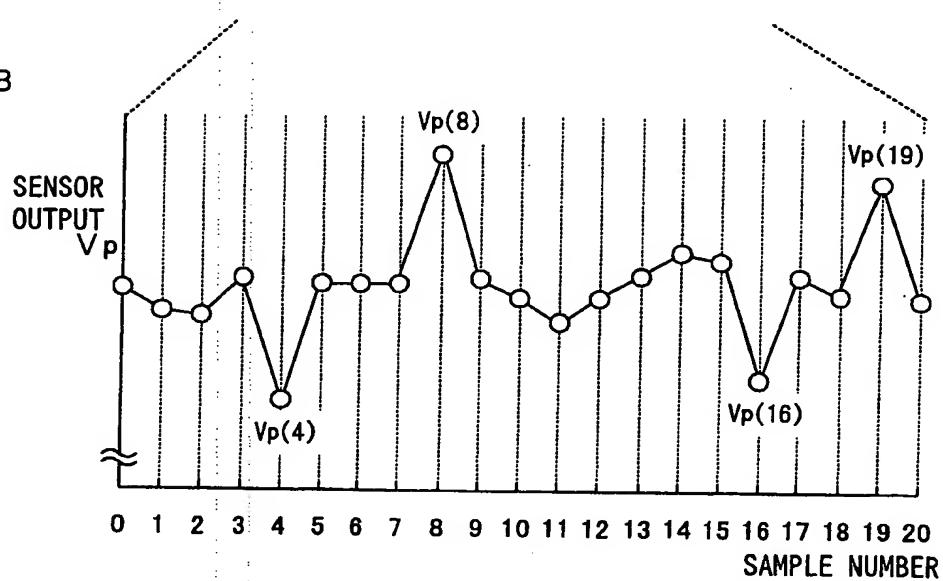
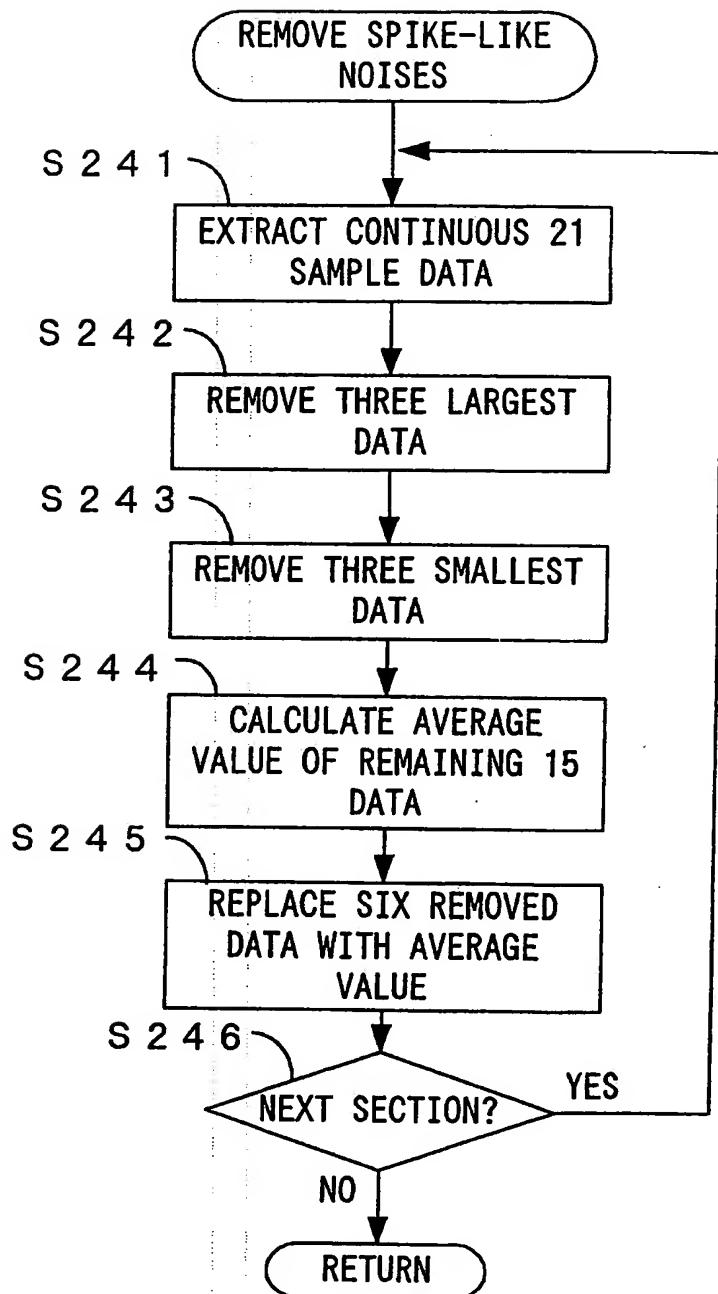


FIG. 8 B



F I G . 9



F I G . 1 0

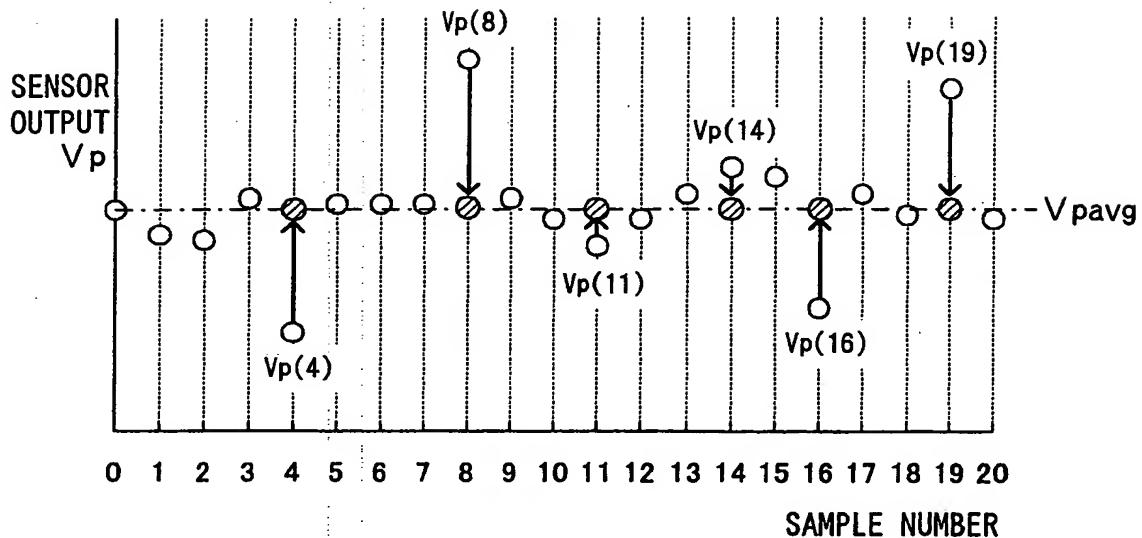


FIG. 11 A

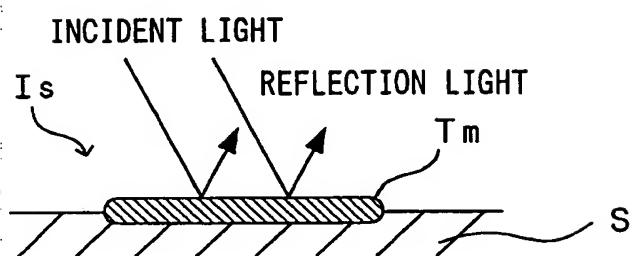


FIG. 11 B

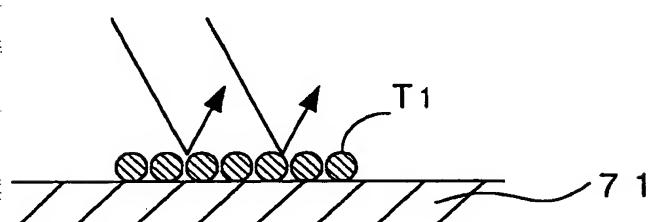


FIG. 11 C

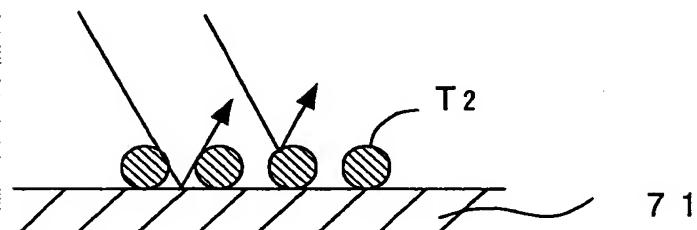


FIG. 12 A

DISTRIBUTION OF PARTICLE DIAMETER

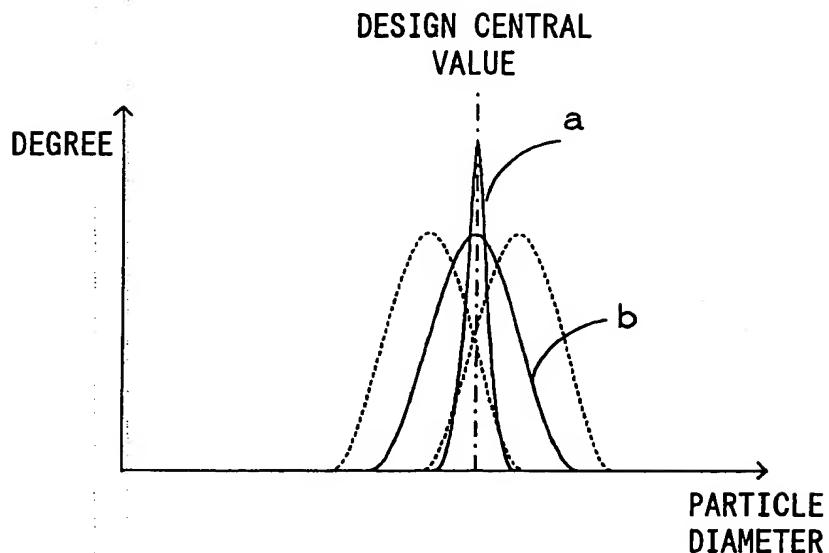
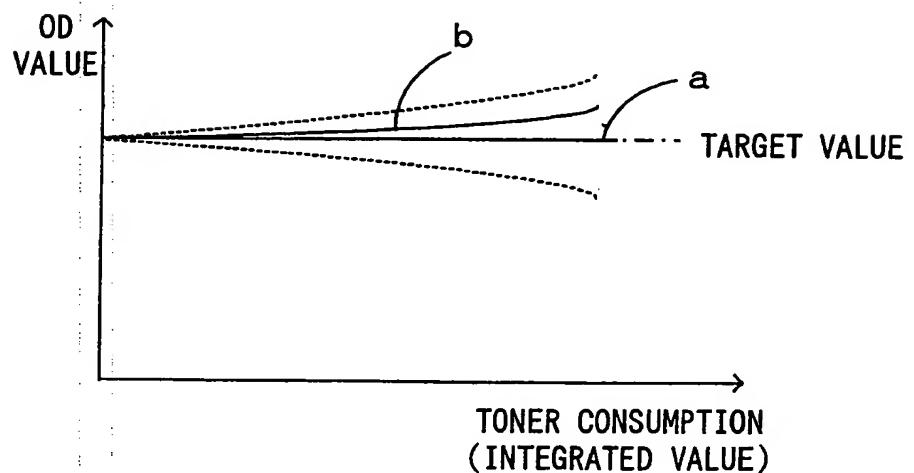


FIG. 12 B

CHANGE IN OD VALUE



F I G . 1 3

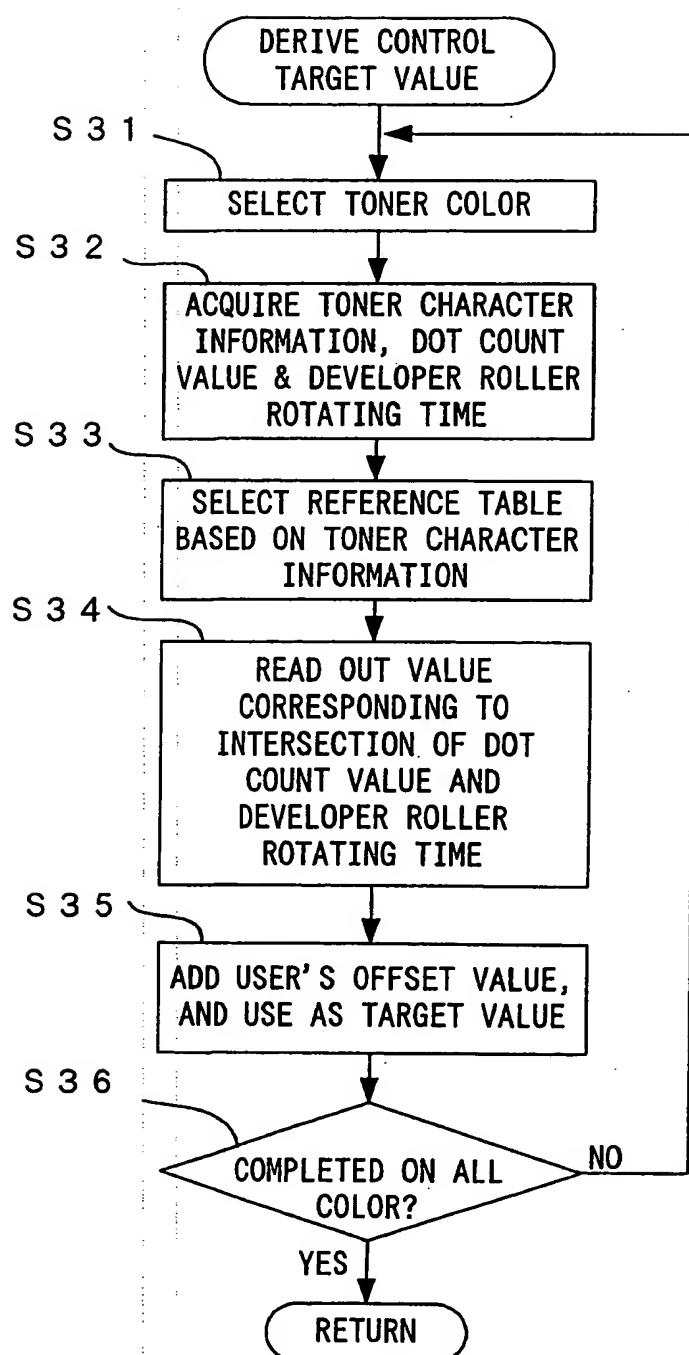


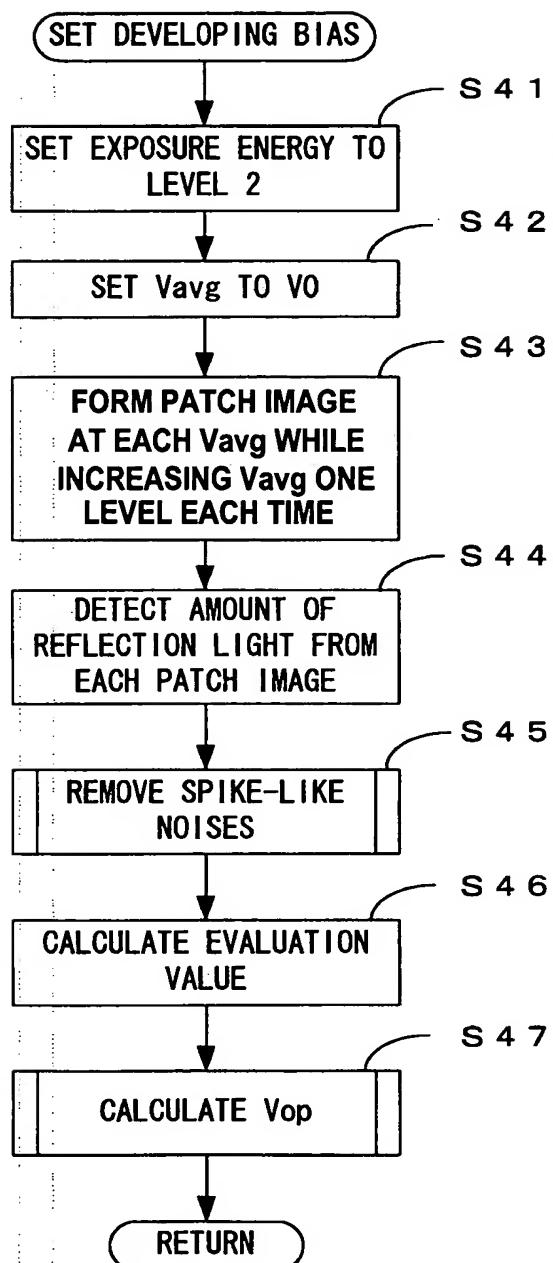
FIG. 14A HIGH-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION = "0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.990	0.988	0.984	0.982
	~2000000	0.988	0.984	0.982	0.982
	~6666666	0.984	0.982	0.982	0.982
	~12000000	0.982	0.982	0.982	0.982

FIG. 14B LOW-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION = "0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.185	0.182	0.181	0.180
	~2000000	0.182	0.181	0.180	0.180
	~6666666	0.181	0.180	0.180	0.180
	~12000000	0.180	0.180	0.180	0.180

F I G. 15



F I G . 1 6

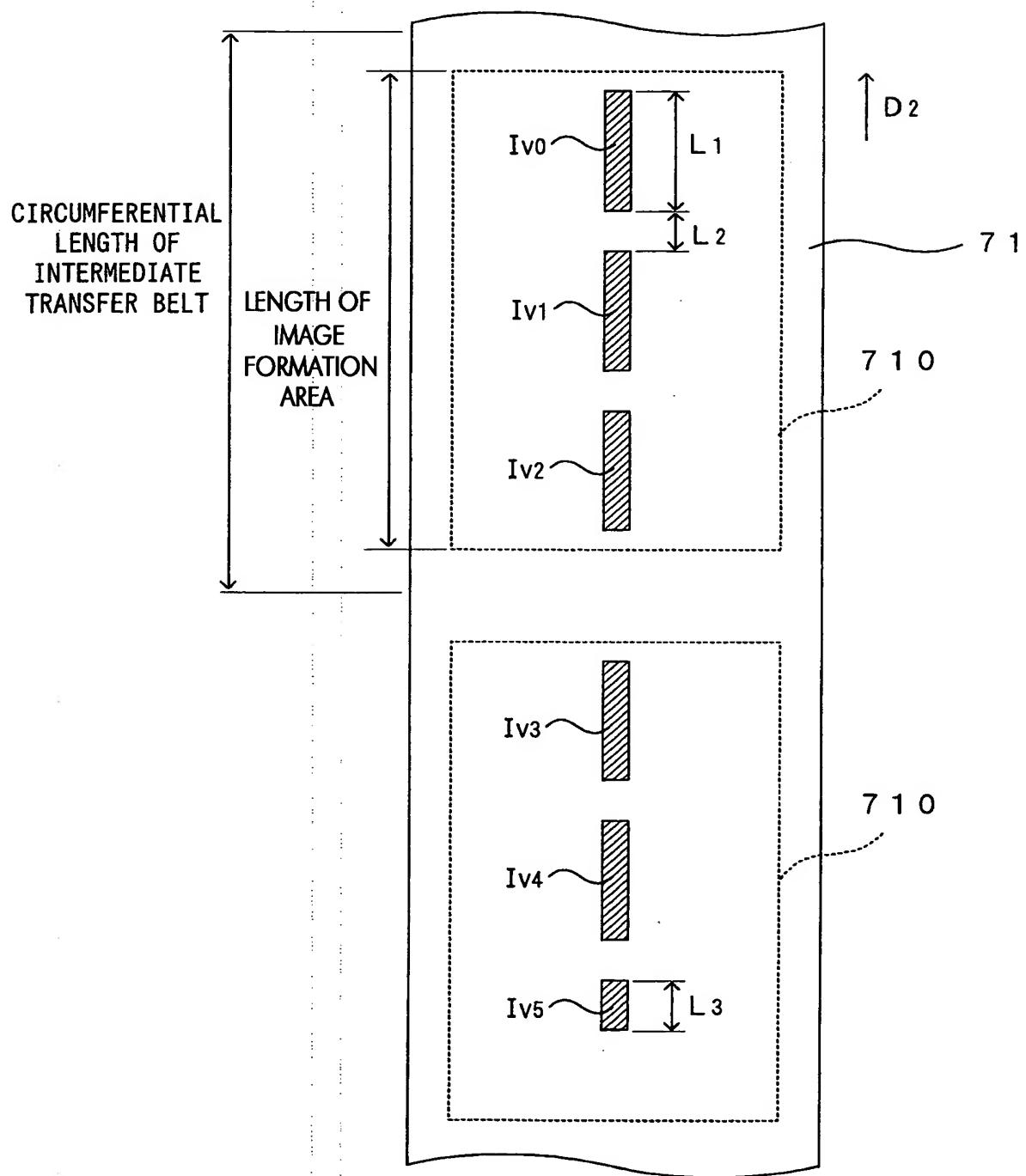


FIG. 17 A

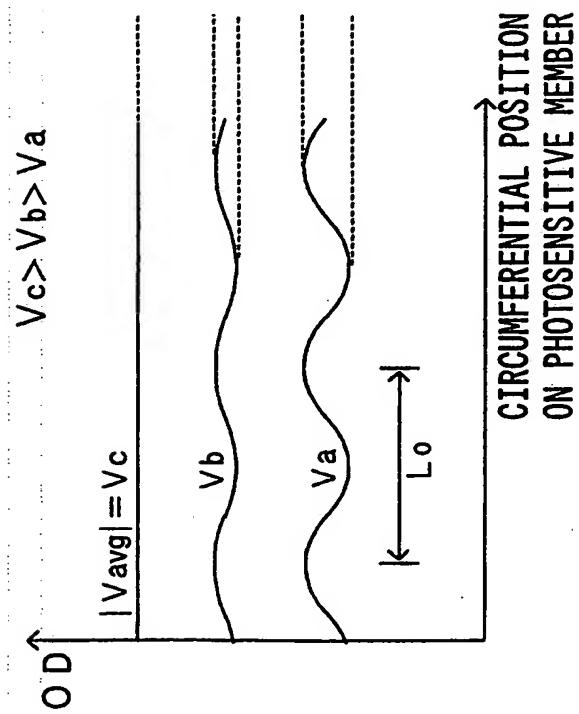


FIG. 17 B

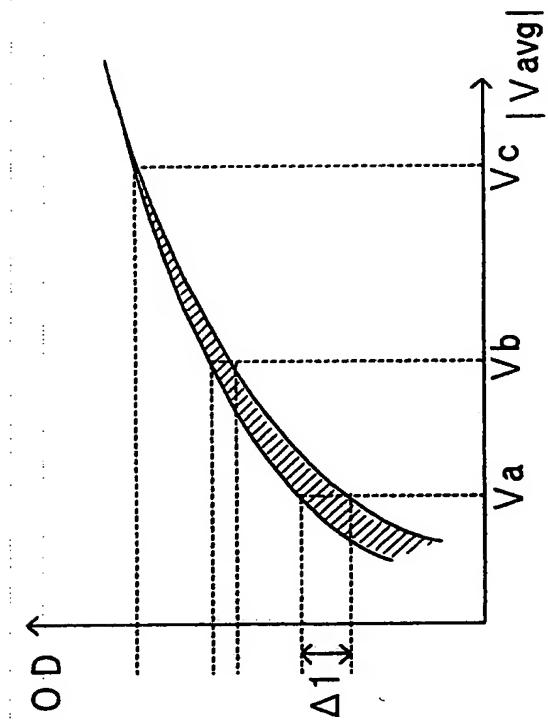
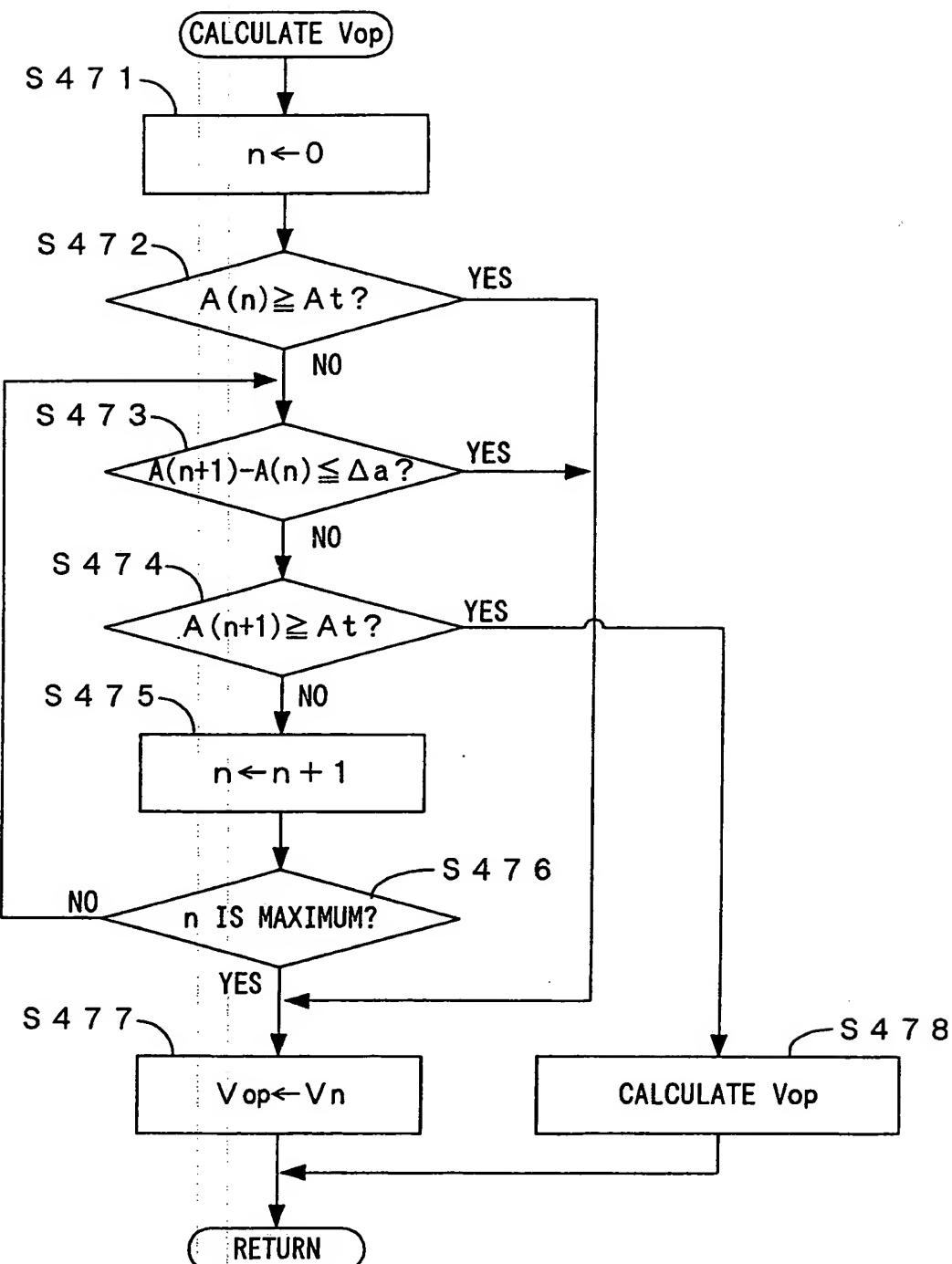
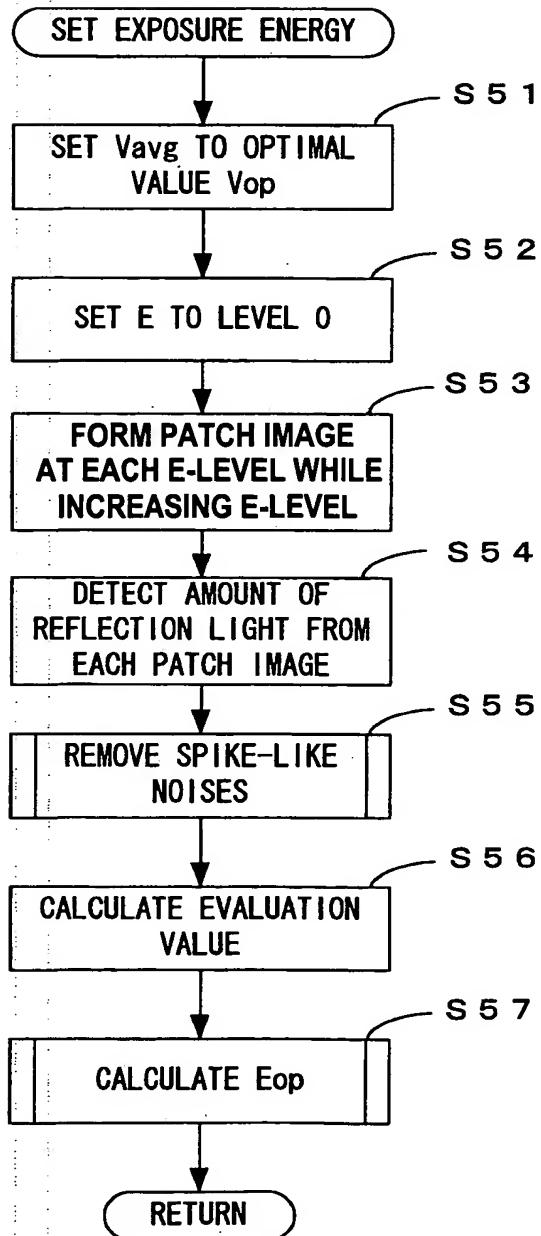


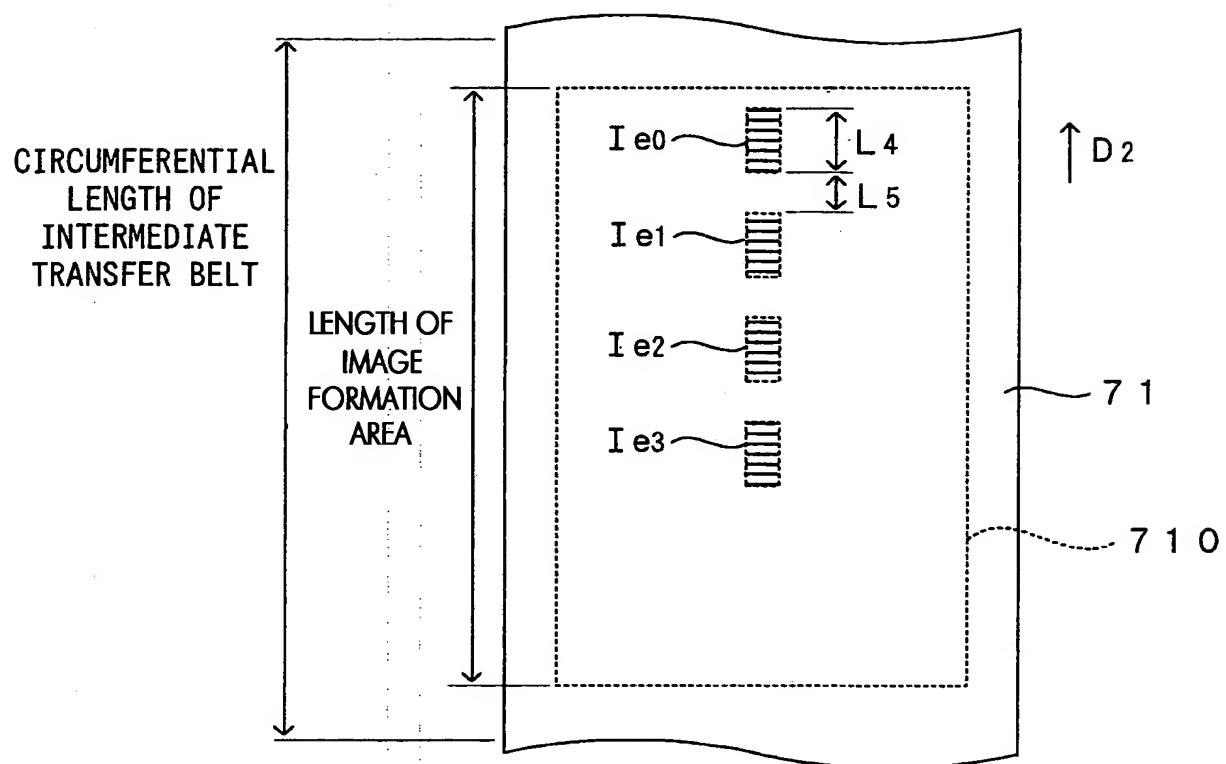
FIG. 18



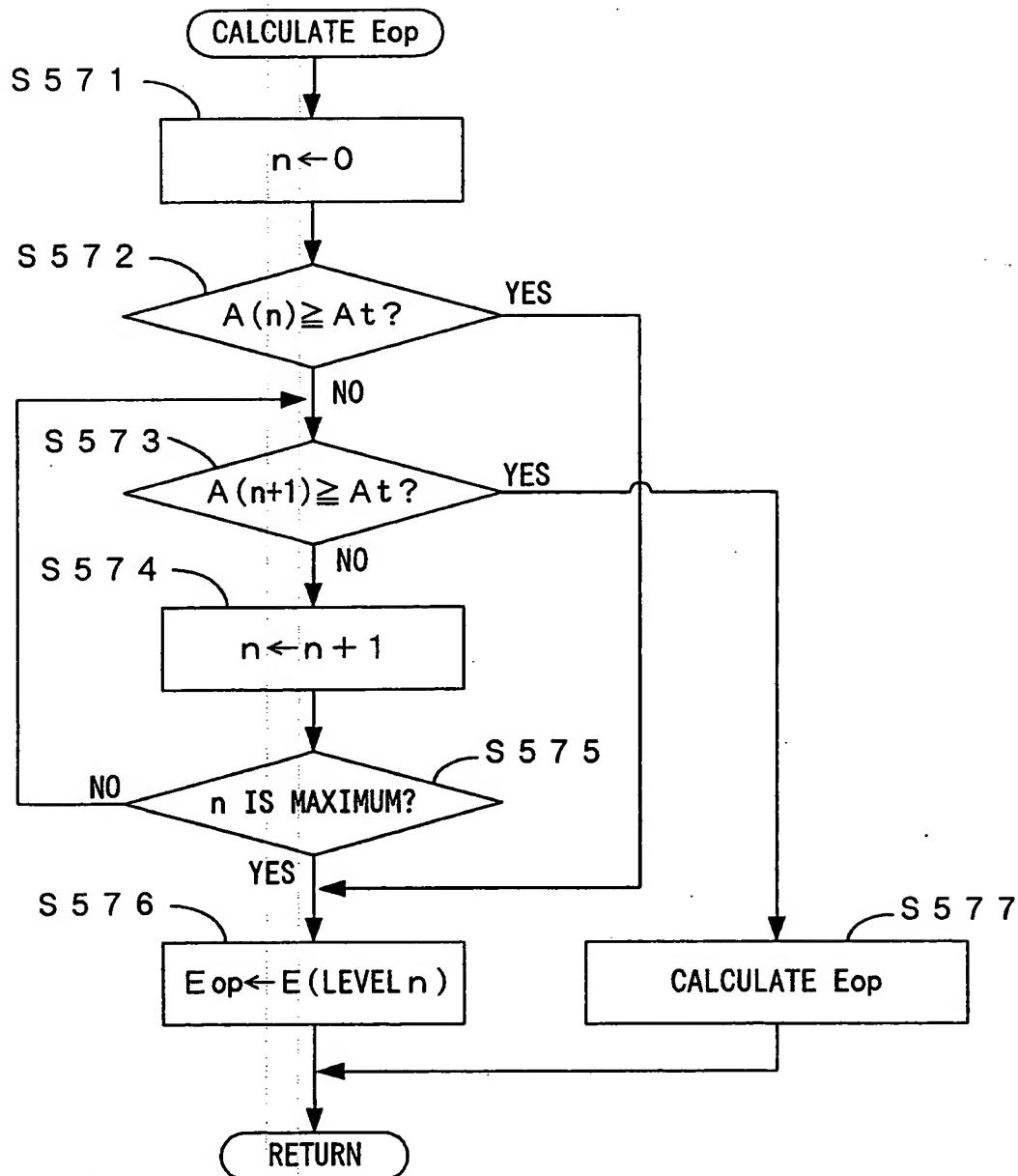
F I G. 19



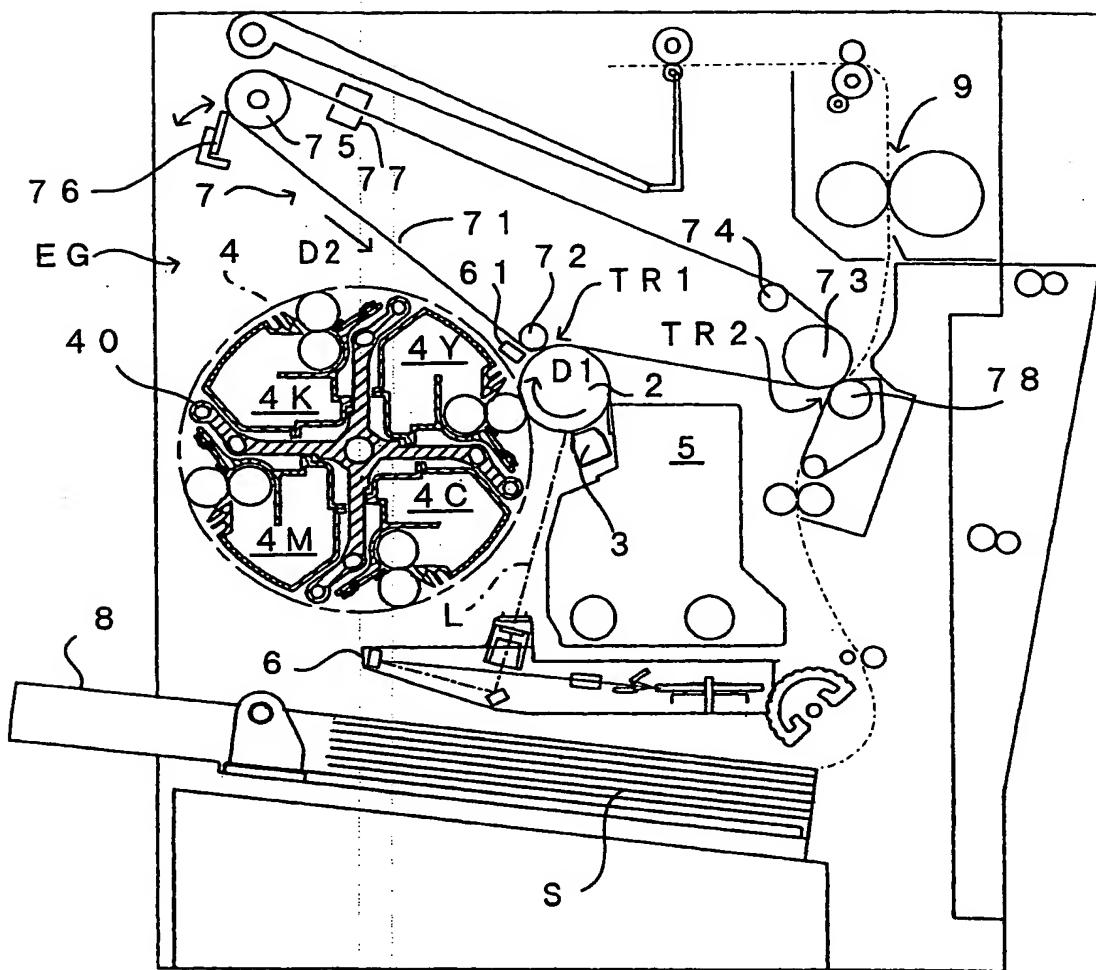
F I G . 2 0



F I G . 2 1



F I G . 2 2



F I G. 2 3

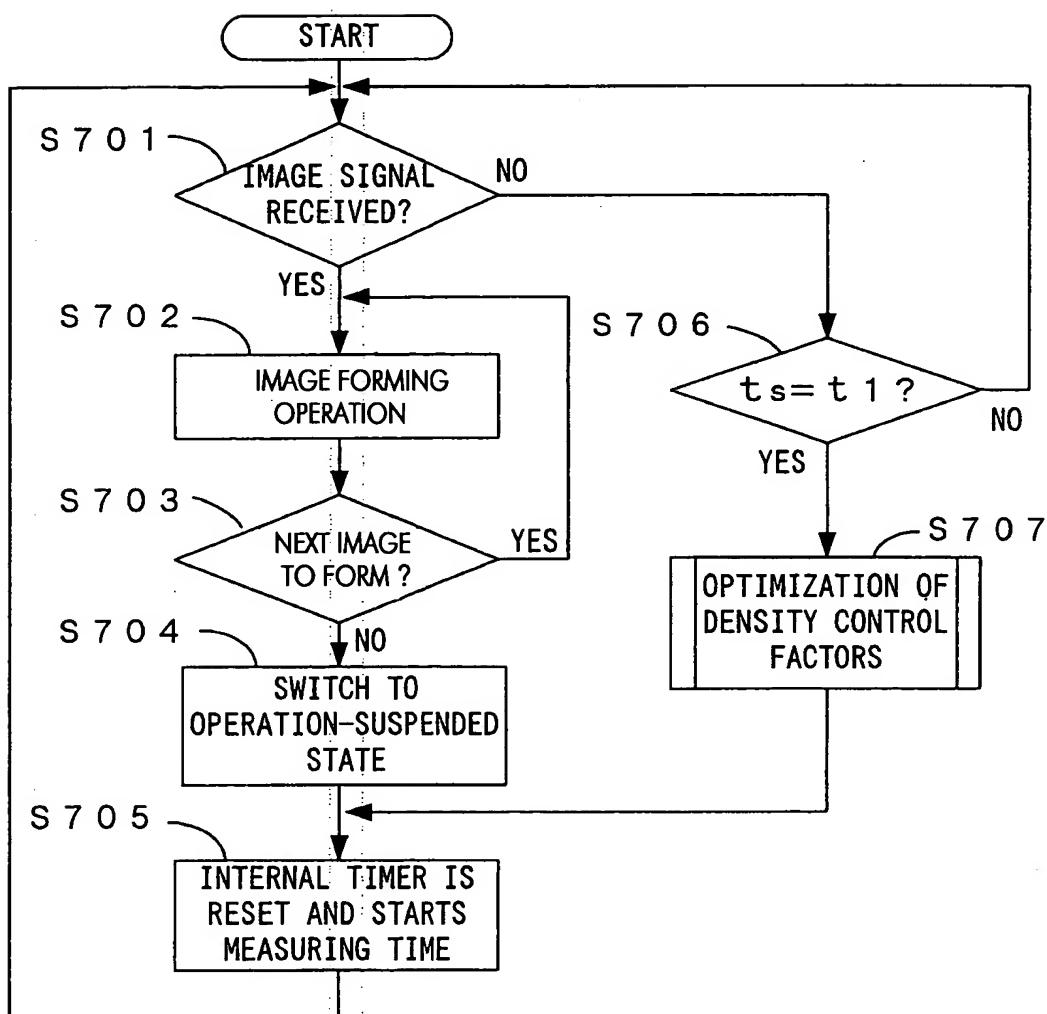


FIG. 24 A

 $ts < t_1$  IMAGE FORMING OPERATIONIMAGE SIGNAL
RECEIVED

OPTIMIZATION

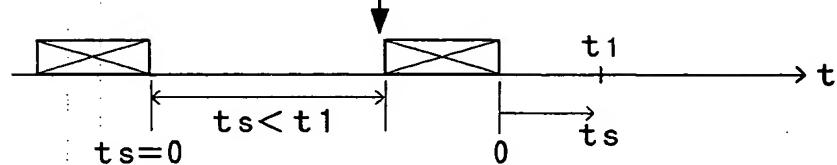


FIG. 24 B

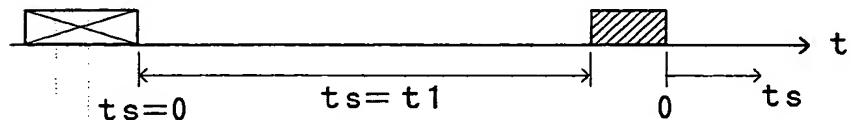
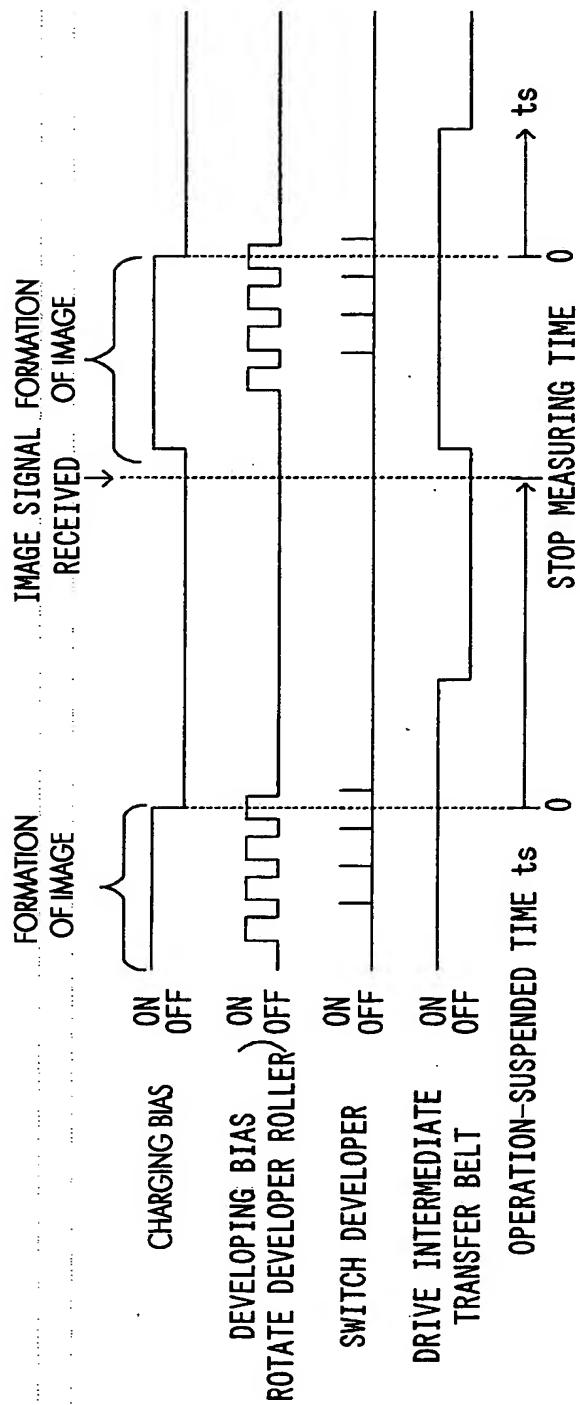
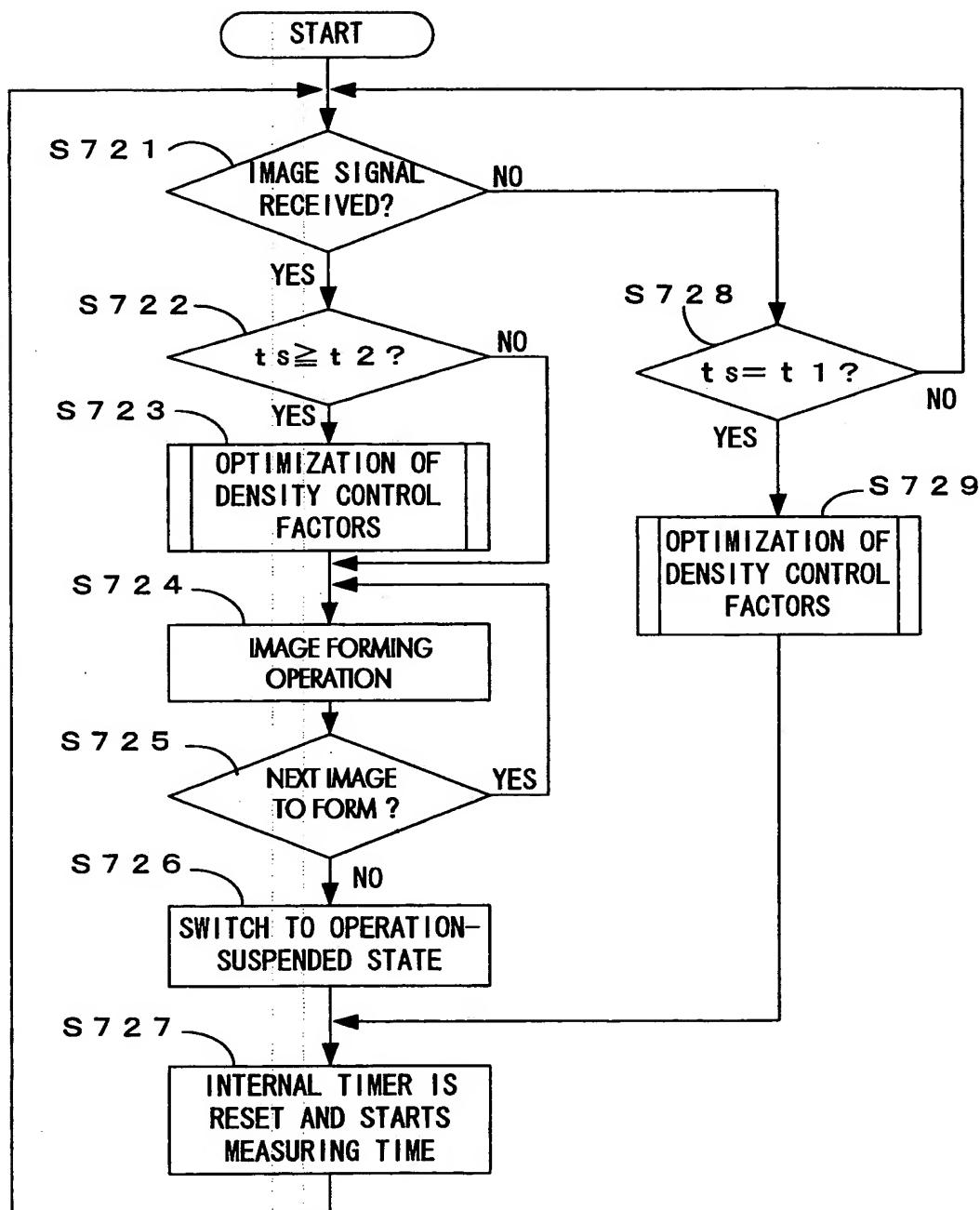
 $ts = t_1$ 

FIG. 25



F I G. 26



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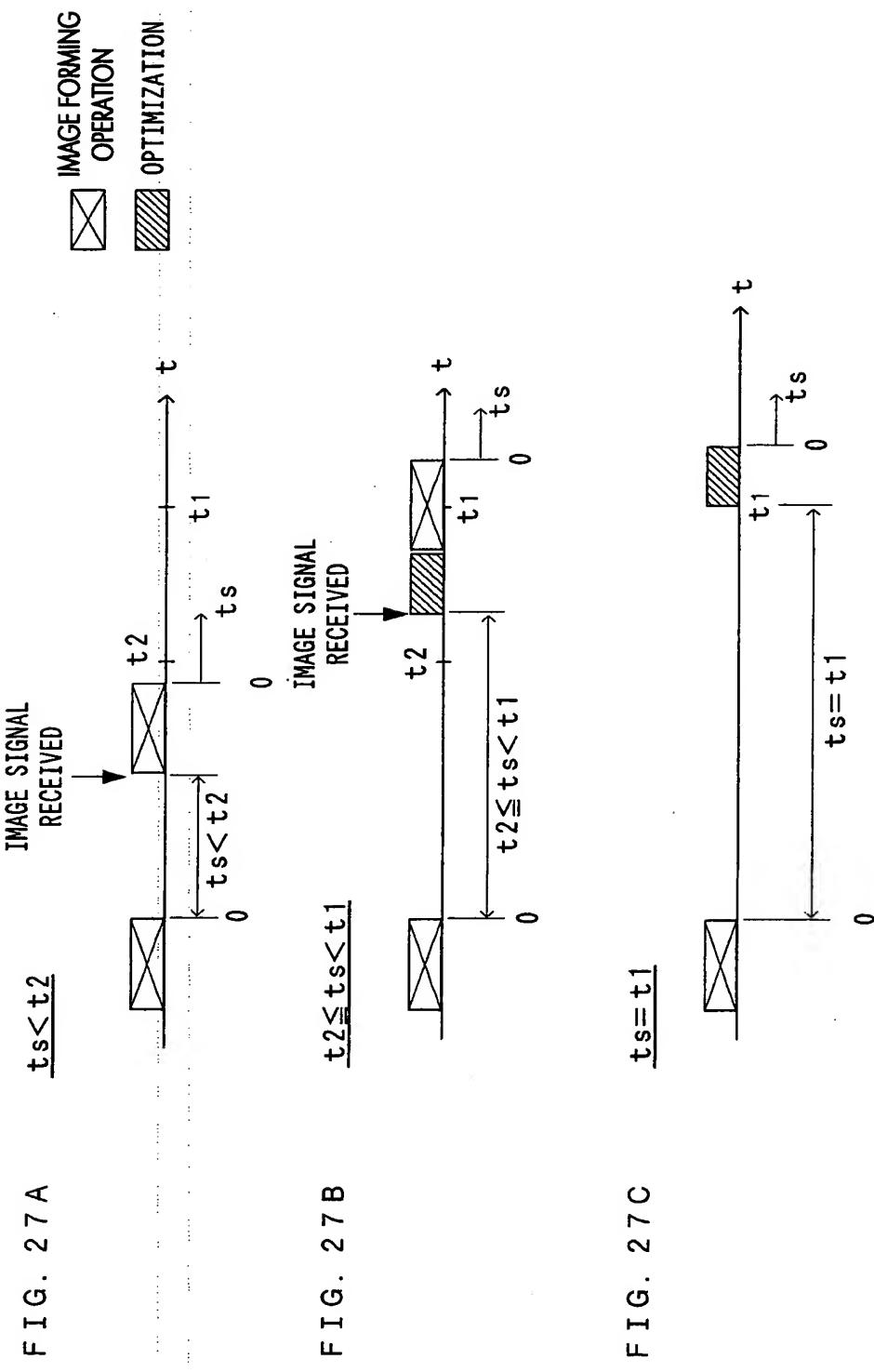
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SUGHRUE Telephone No.: (202) 293-7060

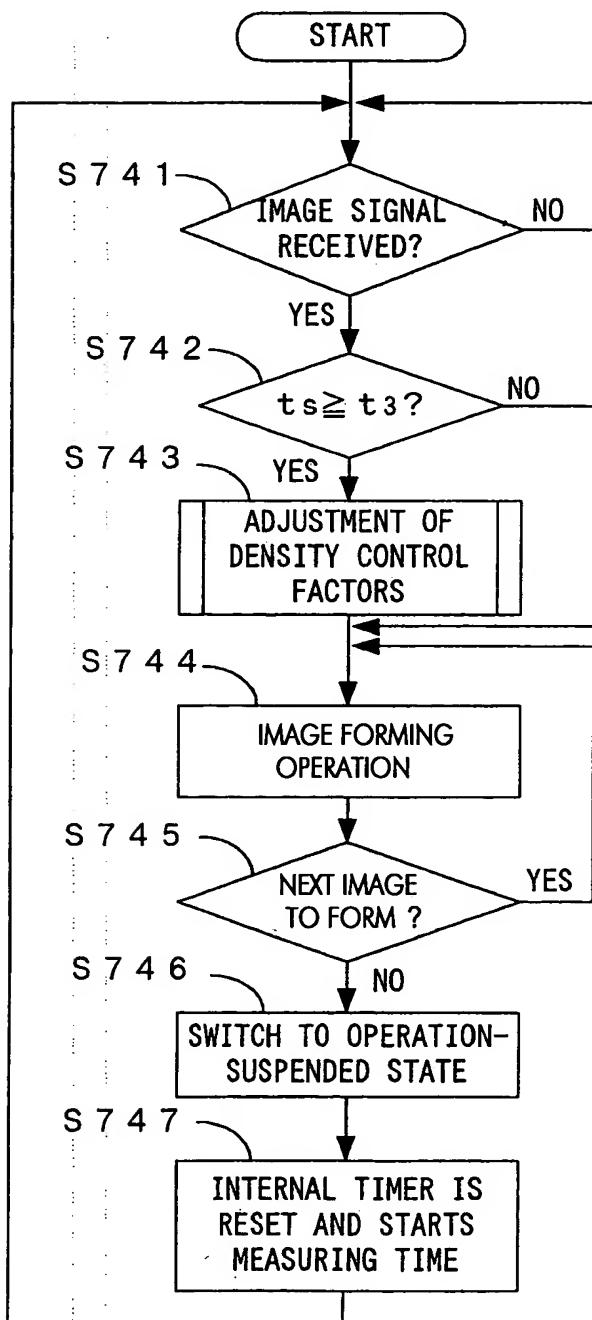
Replacement Sheet

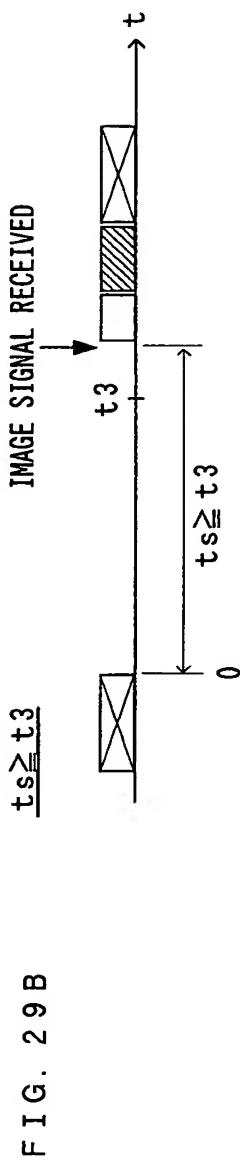
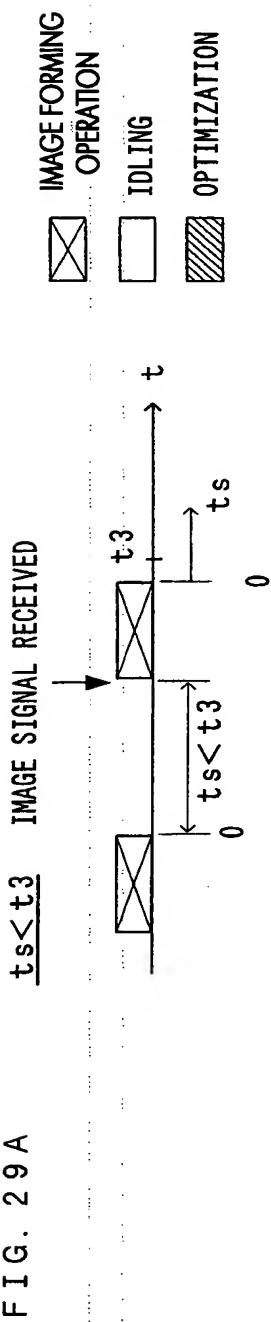
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TELETYPE COMMUNICATIONS

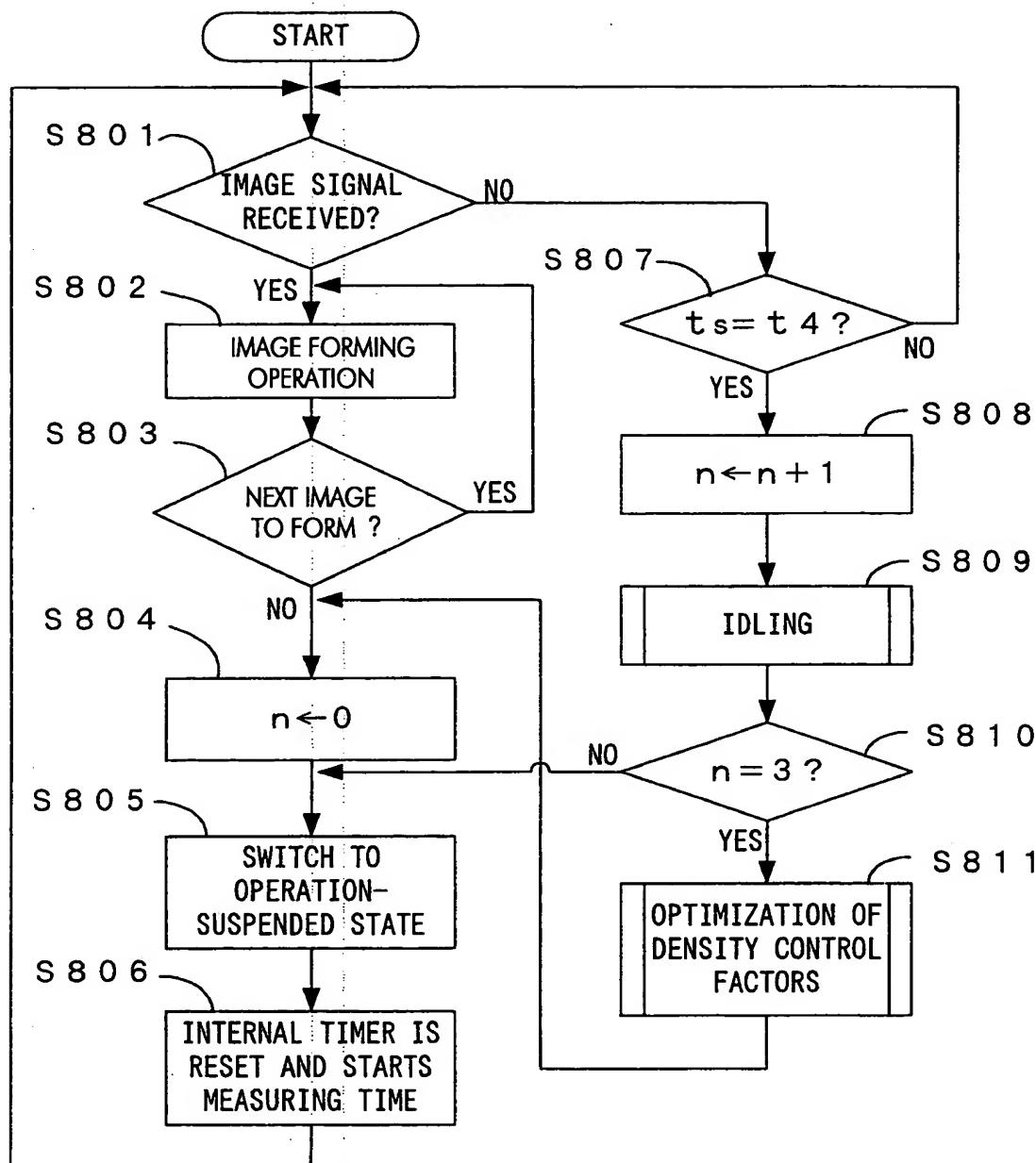


F I G . 2 8

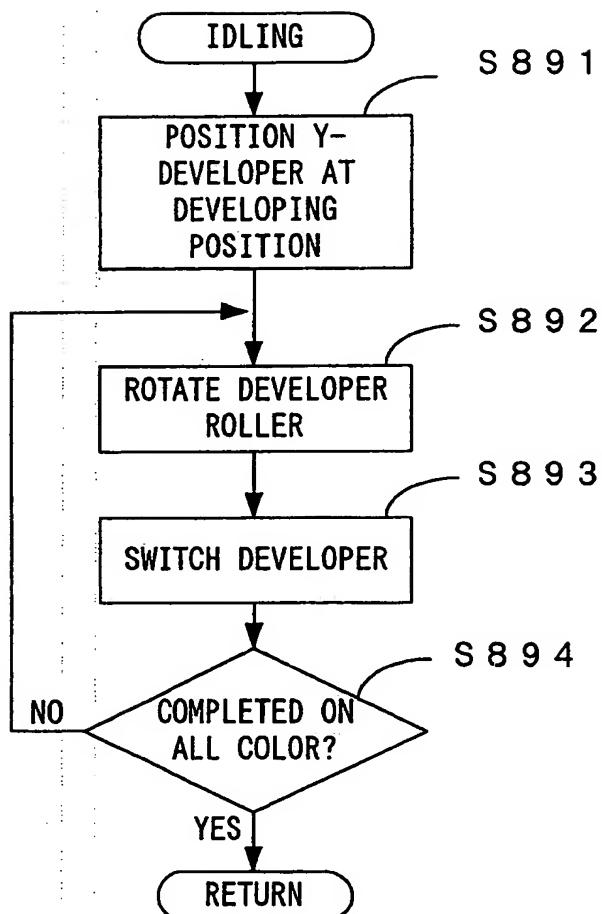




F I G . 3 0



F I G . 3 1



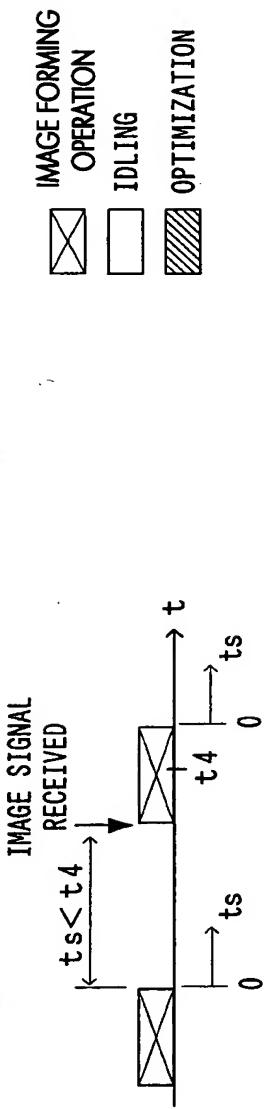


FIG. 32 B

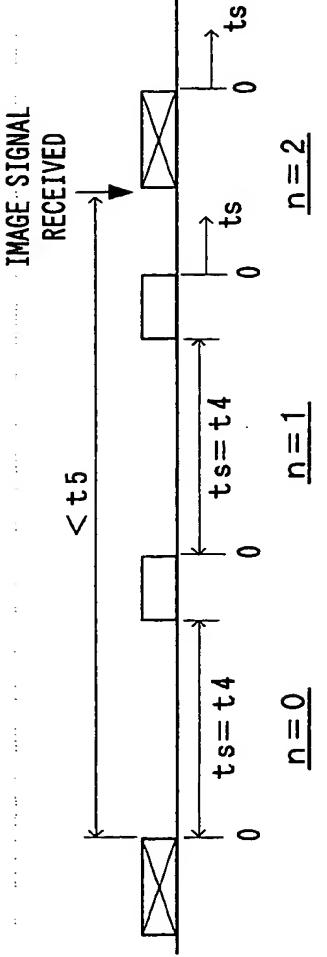
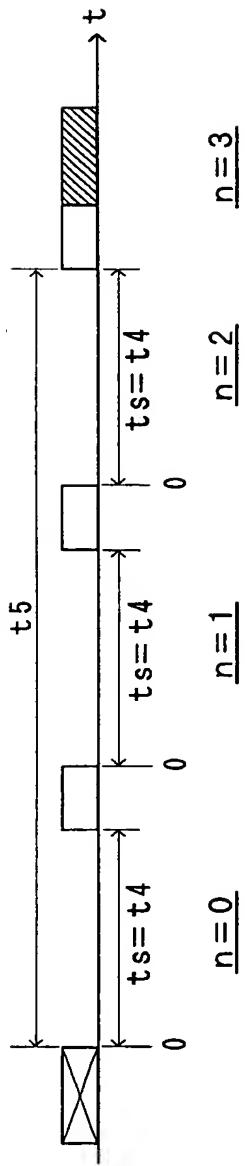
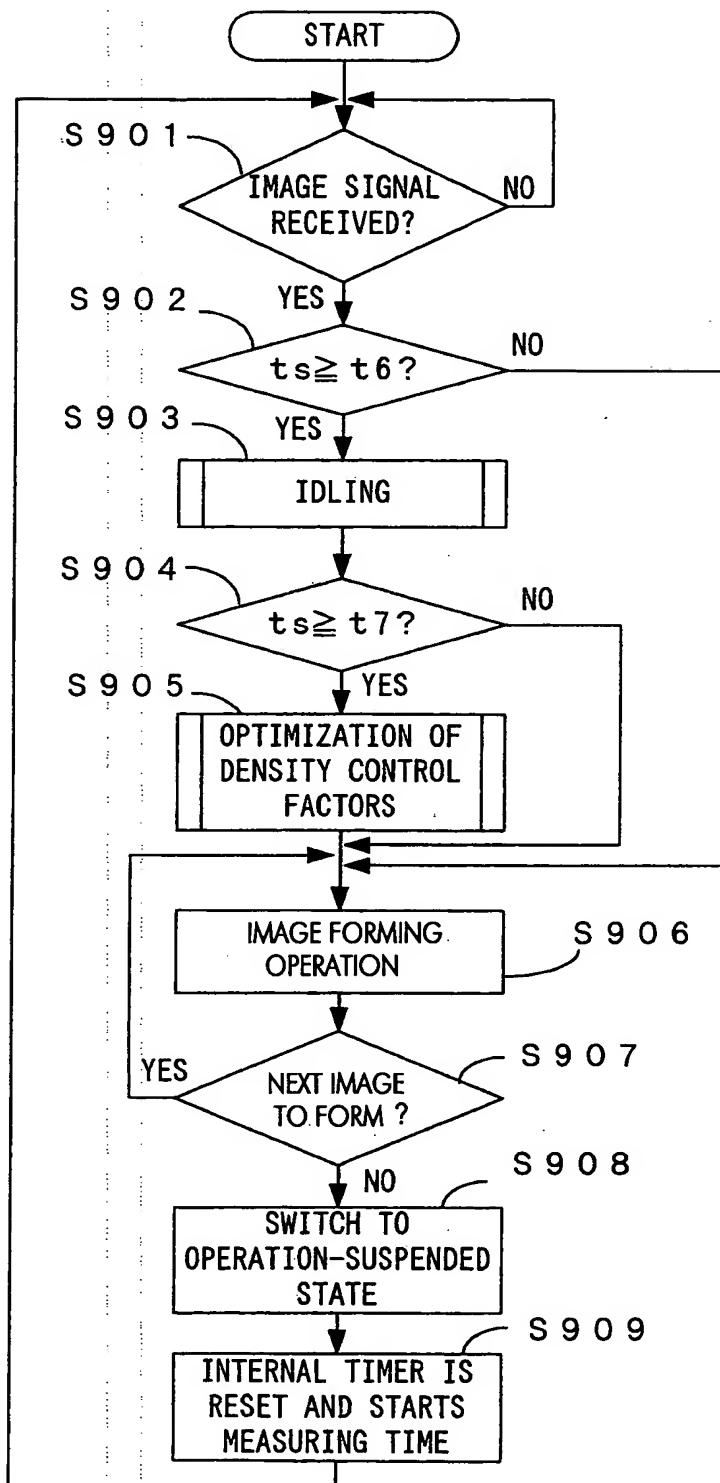
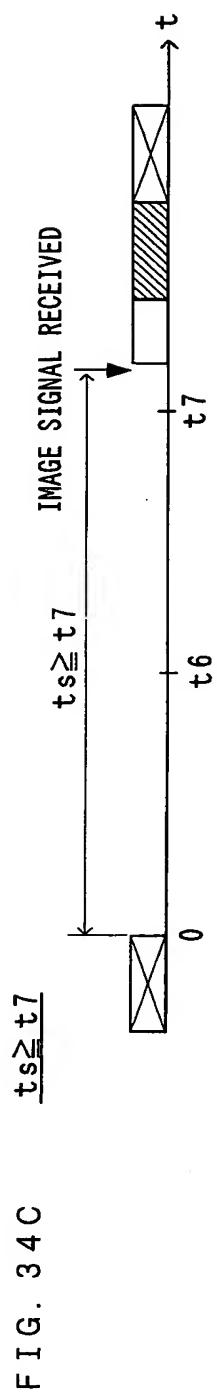
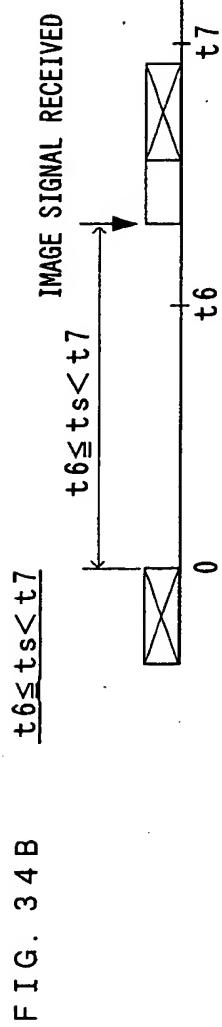
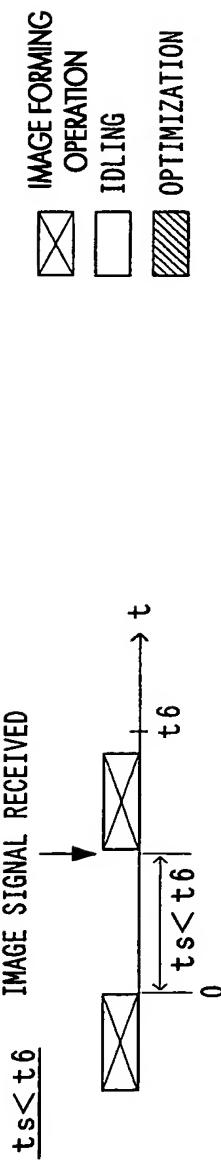


FIG. 32 C



F I G . 3 3





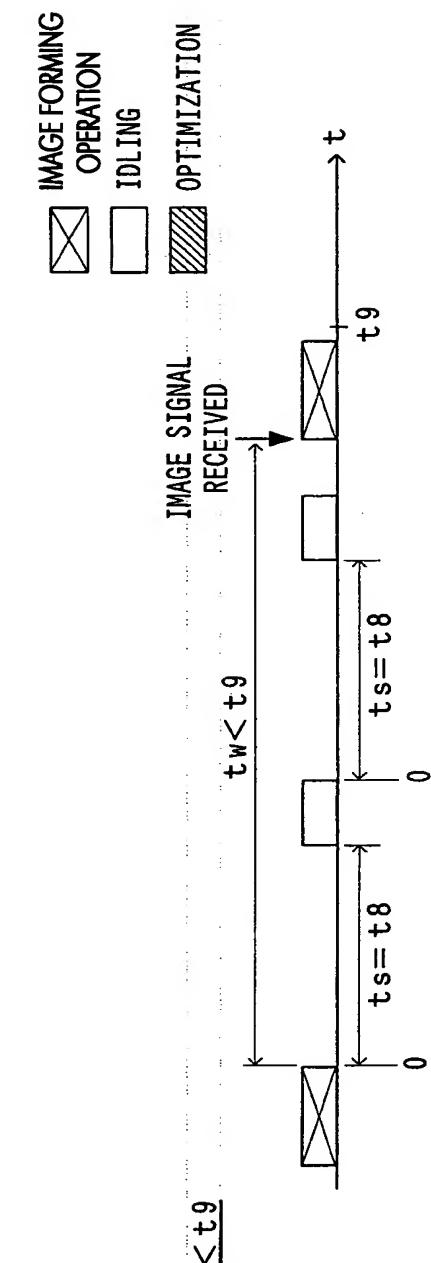


FIG. 35B

